

Application No. 10/815087
Page 3

Amendment
Attorney Docket No. F02.2B-11374-US01

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Amendments To The Claims:

Please amend the claims as follows:

1. (Currently Amended) In a machine for casting concrete panels on an elongated casting bed having a bottom and opposing side forms, the improvement comprising:
 - a) a segmented screed having a frame above said casting bed and a plurality of screed units, said screed units each having a lower screed plate each plate of which includes a leading edge and a flat bottom surface for contacting the concrete; and
 - b) each of said screed units being mounted to said frame for vertical travel only such that the lower screed plates together when at a lowest position present a unified screed line to contact and screed concrete on said casting bed, each lower screed plate being mounted to said frame independently of the other lower screed plates.
2. (Original) The machine of Claim 1 wherein each of said screed units includes a lifting mechanism to raise and lower the screed unit such that all screed units may be raised or lowered together or selectively.
3. (Original) The machine of Claim 2 wherein said lifting mechanism is hydraulically operated and each of said screed units includes a hydraulic mechanism comprising a hydraulic cylinder driving a piston attached to said screed units such that said screed units may move up and down relative to said frame.
4. (Currently Amended) A segmented concrete screed for use in screeding concrete on a casting bed, said segmented concrete screed including an elongated frame to which a plurality of individual screed units are slidably attached, each of said screed units including a lower screed plate each plate of which includes a leading edge and a flat bottom surface for contacting the concrete, said screed units being attached to said frame such that all of the screed plates may be aligned to form a single continuous screeding line, each of said screed units being movable between a lowest position relative to said frame and a highest position, each said screed unit being independently movable relative to an adjacent screed unit.

Application No. 10/815087
Page 4

Amendment
Attorney Docket No. F02.2B-11374-US01

5. (Original) The segmented concrete screed of Claim 4 wherein each of said screed units is movable between said lowest and highest positions by a hydraulic mechanism which includes a hydraulic cylinder and a piston attached to said screed unit to provide vertical travel of said screed unit relative to said frame.